Conventional Art

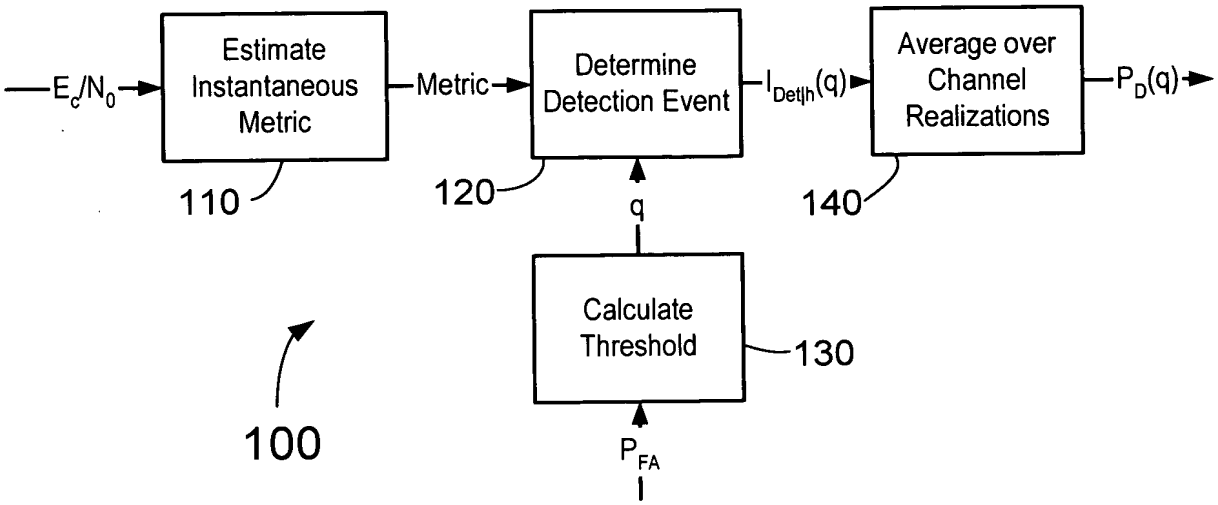



FIG. 1

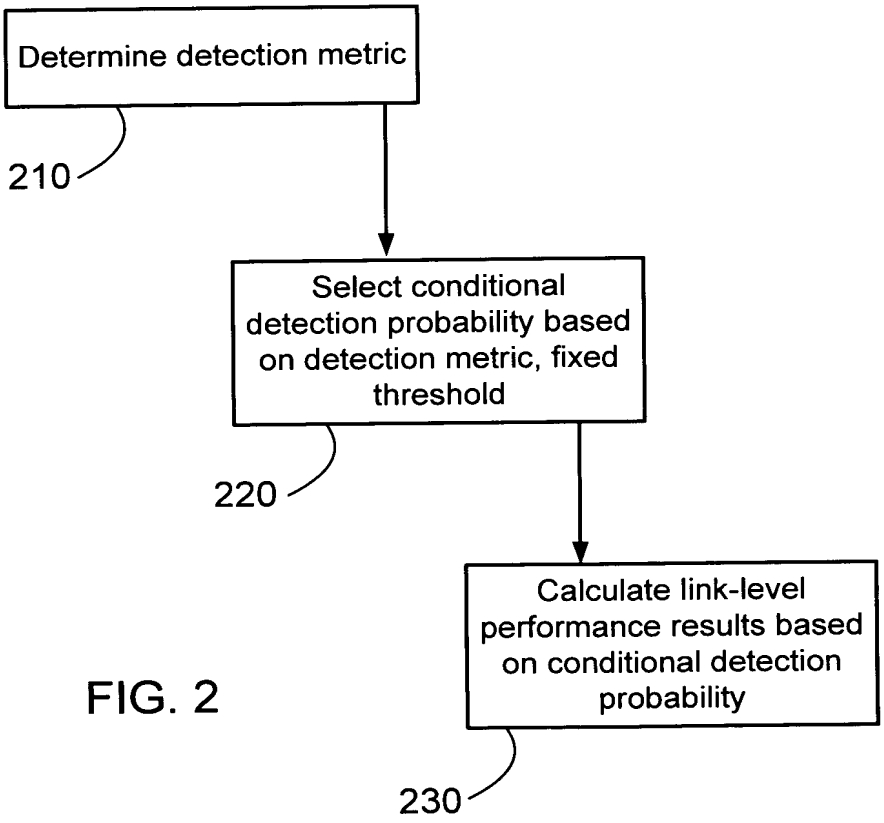



FIG. 2

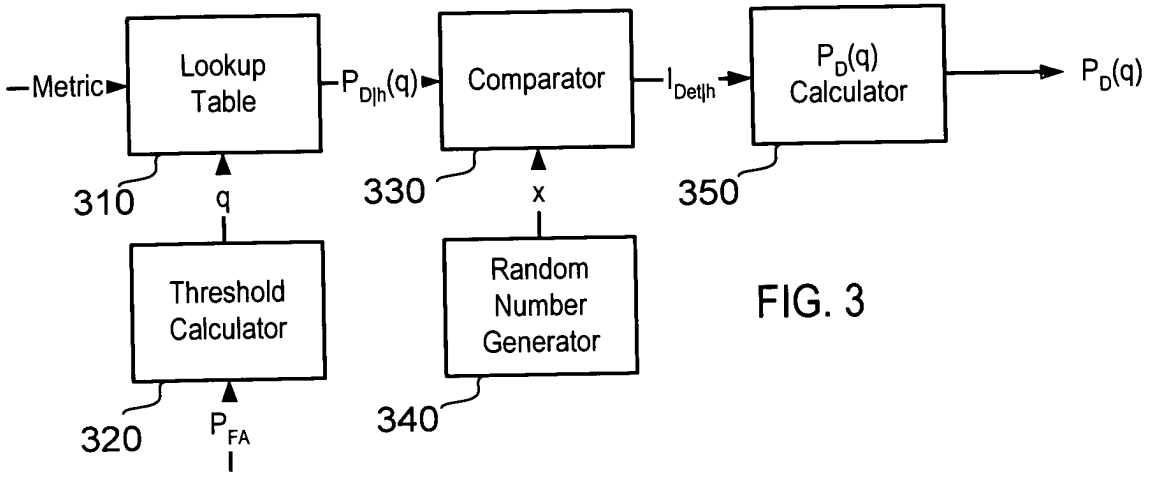



FIG. 3

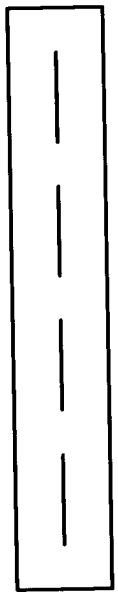


FIG. 4A

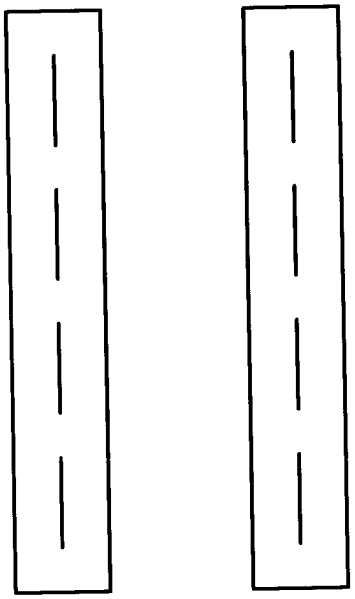


FIG. 4B

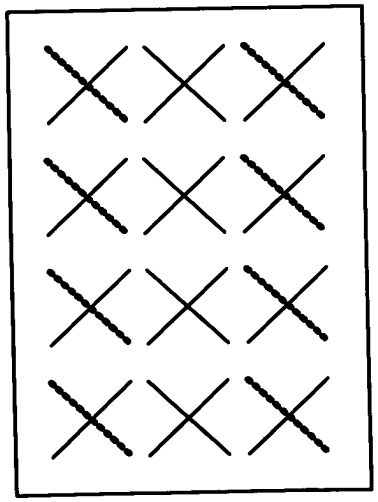


FIG. 4C

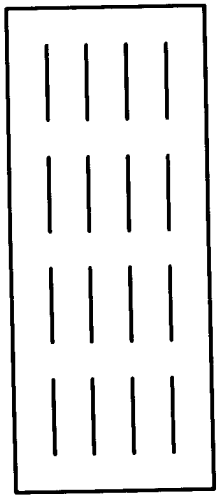


FIG. 4D

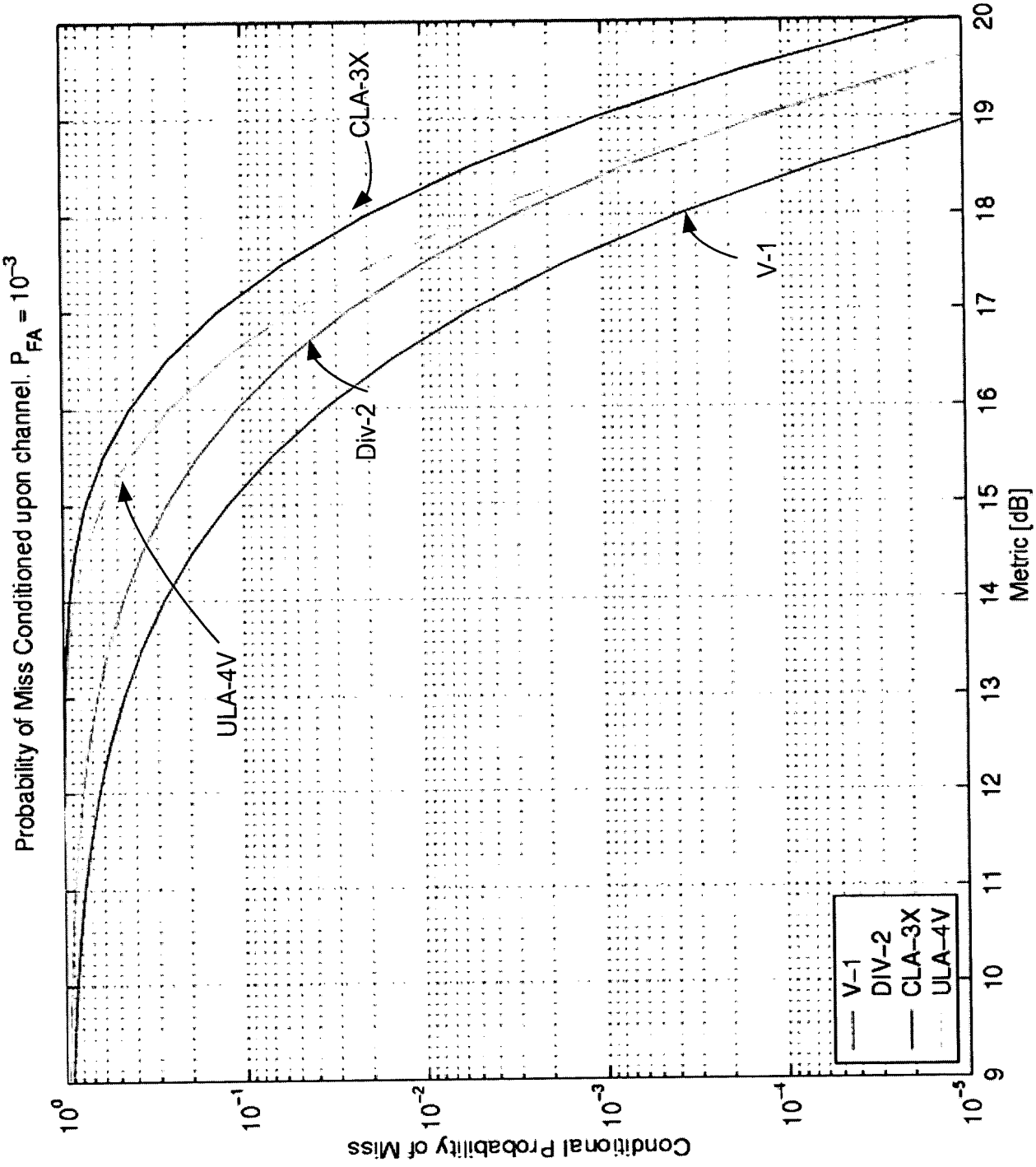

Probability of Miss Conditioned upon channel. $P_{FA} = 10^{-3}$
Conditional Probability of Miss
Metric [dB]
CLA-3X
Div-2
V-1
ULA-4V
V–1
DIV–2
CLA–3X
ULA–4V

FIG. 5

FIG. 6

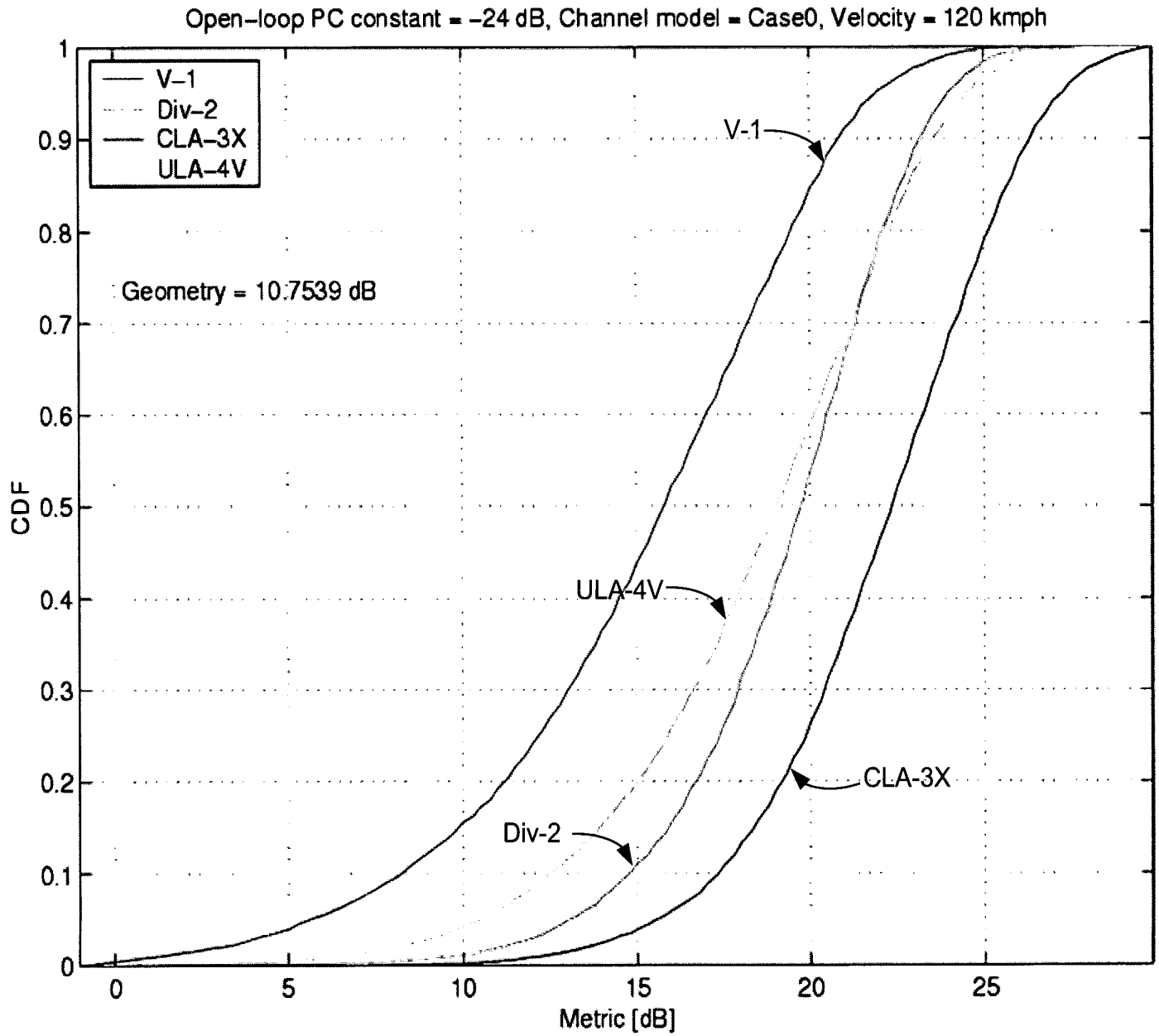
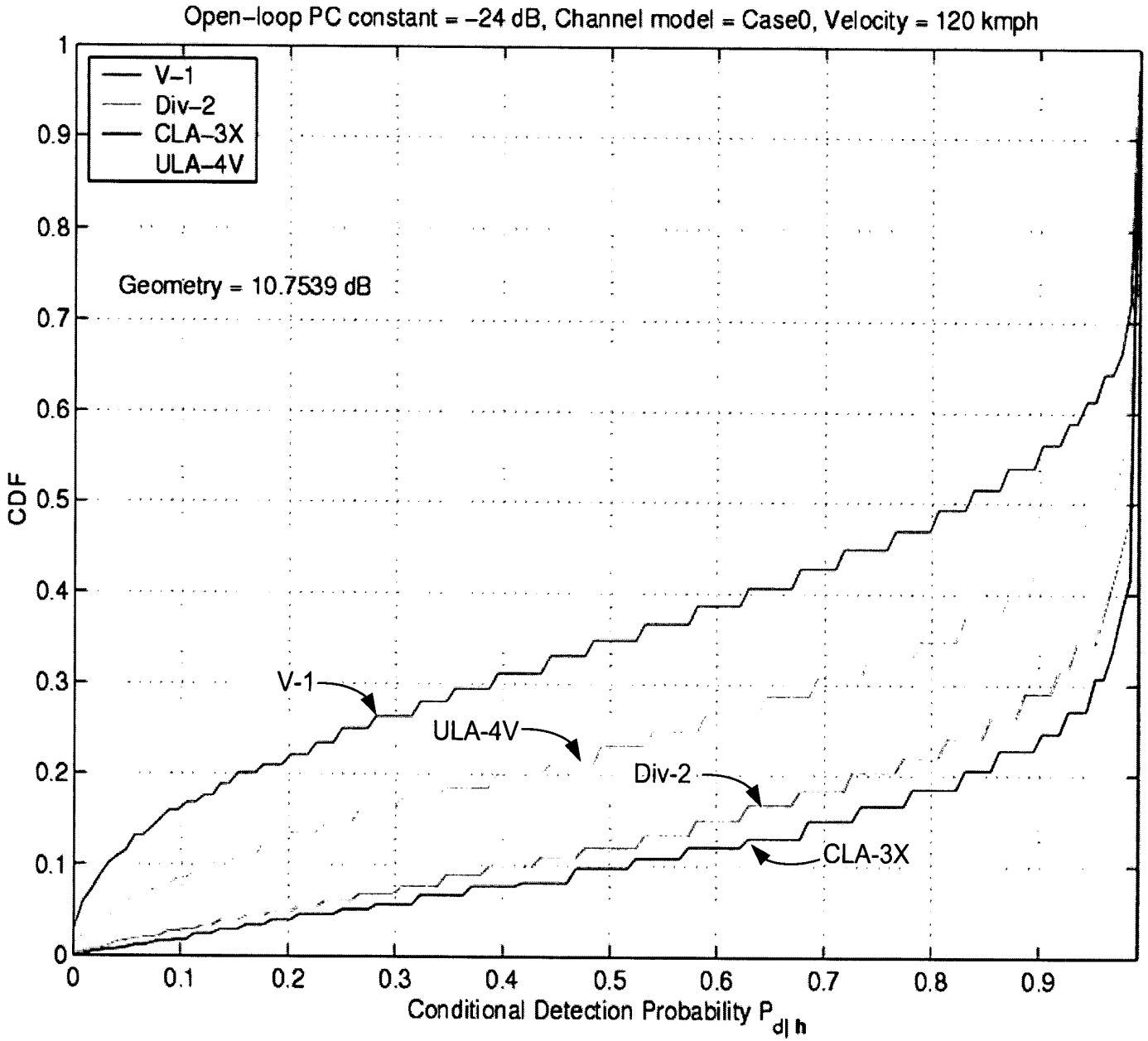

Open-loop PC constant = -24 dB, Channel model = Case0, Velocity = 120 kmph
V-1
Div-2
CLA-3X
ULA-4V
Geometry = 10.7539 dB
V-1
ULA-4V
CLA-3X
Div-2
CDF
Metric [dB]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
5
10
15
20
25

FIG. 7


Open–loop PC constant = –24 dB, Channel model = Case0, Velocity = 120 kmph
V–1
Div–2
CLA–3X
ULA–4V
Geometry = 10.7539 dB
V-1
ULA-4V
Div-2
CLA-3X
CDF
Conditional Detection Probability $P_{d|h}$
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1